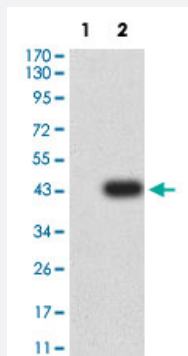


MUC5B monoclonal antibody, clone 6F8B2

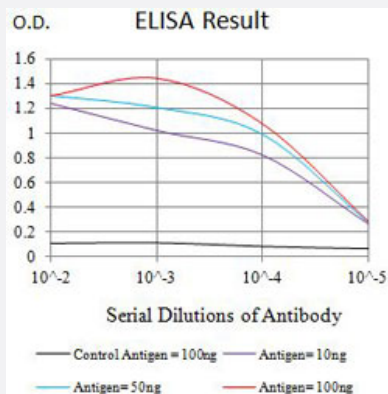
Catalog # MAB21430 Size 100 ug

Applications



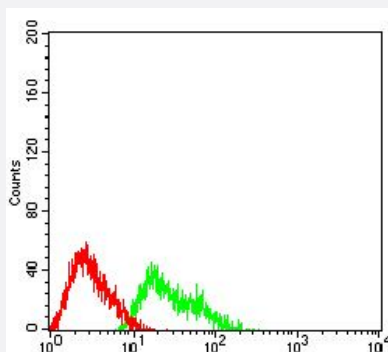
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: MUC5B-hlgGFc transfected HEK293 cell lysates with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human MUC5B.
Immunogen	Recombinant protein corresponding to amino acids 26-166 of human MUC5B.
Host	Mouse
Theoretical MW (kDa)	596
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: MUC5B-hlgGfc transfected HEK293 cell lysates with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430).

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Flow cytometric analysis of HL-60 cells with MUC5B monoclonal antibody, clone 6F8B2 (Cat # MAB21430) (Green). Red: Negative Control.

Gene Info — MUC5B

Entrez GeneID [727897](#)

Protein Accession# [Q9HC84](#)

Gene Name	MUC5B
Gene Alias	MG1, MUC5, MUC9
Gene Description	mucin 5B, oligomeric mucus/gel-forming
Omim ID	600770
Gene Ontology	Hyperlink
Gene Summary	Mucins are high molecular mass, highly glycosylated macromolecules that are the major components of mucus secretions. MUC5B is a salivary mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva. It is composed of 14.9% protein, 78.1% carbohydrate, and 7% sulfate (Troxler et al., 1995 [PubMed 8554565]).[supplied by OMIM]
Other Designations	cervical mucin MUC5B high molecular weight mucin mucin 5, subtype B, tracheobronchial mucin, salivary (high molecular weight)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Diseases](#)
- [Otitis Media](#)
- [Otitis Media with Effusion](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
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